

Model 29297 Caller ID BedroomPhone™ with Dual-Wake Alarms and AM/FM Radio User's Guide



Important Information

NOTICE: This product meets the applicable Industry Canada technical specifications.

The equipment must be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe systems, if present, are connected together. This precaution may be particularly important in rural areas.

CAUTION: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

NOTES: This equipment may not be used on coin service provided by the telephone company.

Interference Information

This equipment generates and uses radio frequency energy which may interfere with residential radio and television reception if not properly installed and used in accordance with instructions contained in this manual. Reasonable protection against such interference is ensured, although there is no guarantee this will not occur in a given installation. If interference is suspected and verified by switching this equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient the radio/television receiver's antenna, relocate the equipment with respect to the receiver, plug the equipment and receiver into separate circuit outlets. The user may also wish to consult a qualified radio/television technician for additional suggestions. This equipment has been fully tested and complies with all limits for Class B computing devices pursuant to part 15 FCC Rules and Regulations. This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

REN Number

On the bottom of this equipment is a label indicating, among other information, the Ringer Equivalence Number (REN) for the equipment.

The REN is useful in determining the number of devices you may connect to your telephone line and still have all of these devices ring when your telephone number is called. In most (but not all) areas, the sum of the RENs of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, you should contact your local telephone company.

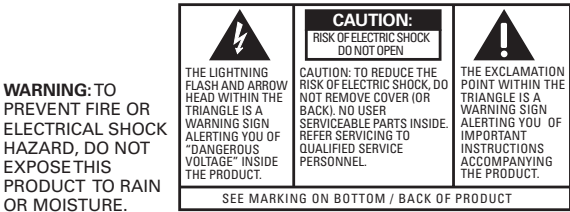
REN Number is located on the cabinet bottom.

Licensing

Licensed under US Patent 6,427,009.

Hearing Aid Compatibility (HAC)

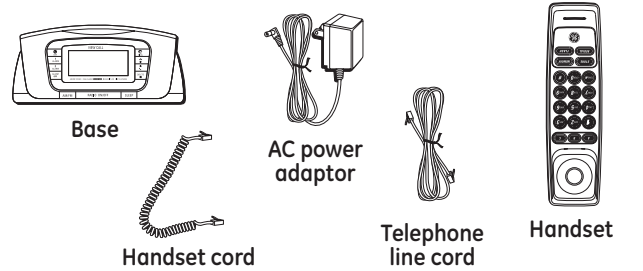
This telephone system meets FCC/Industry Canada standards for Hearing Aid Compatibility.



Before You Begin

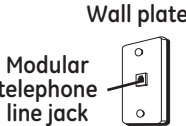
Parts Checklist

Make sure your package includes the following items:



Telephone Jack Requirements

To use this phone, you need an RJ11C type modular telephone jack, which might look like the one pictured here, installed in your home. If you don't have a modular jack, call your local phone company to find out how to get one installed.



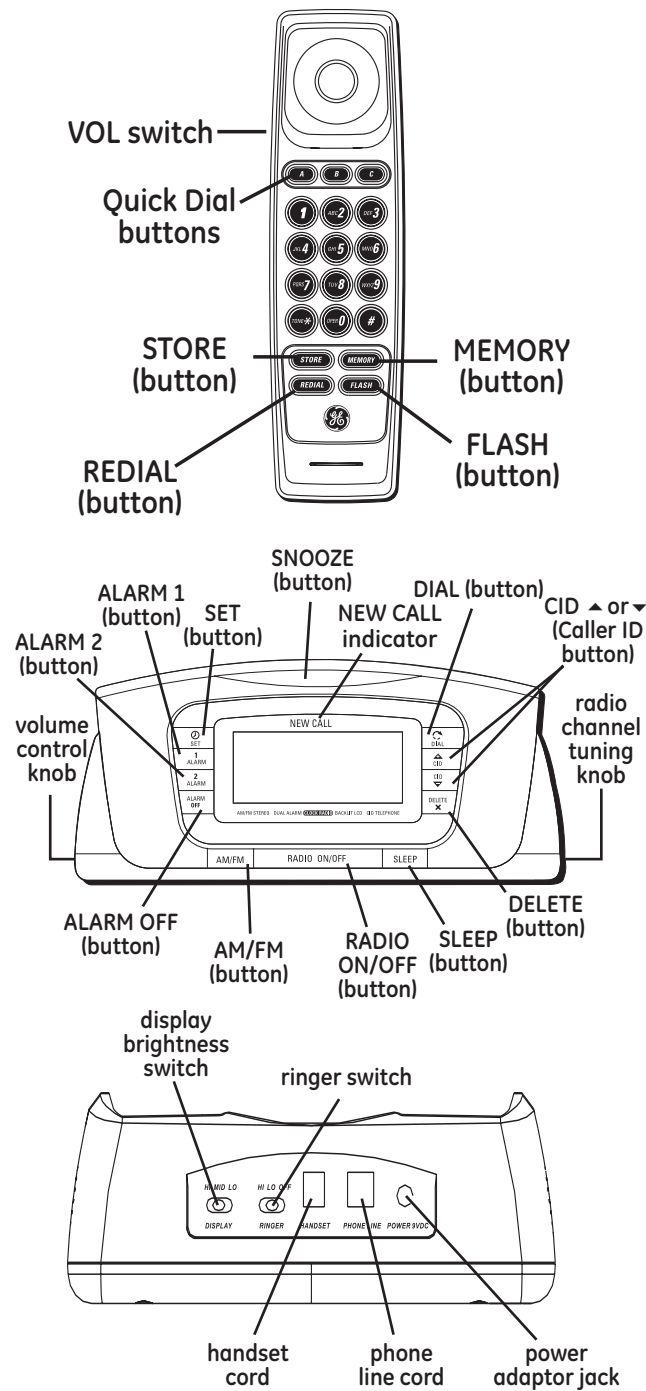
Important Installation Information

- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals, unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Temporarily disconnect any equipment connected to the phone such as faxes, other phones, or modems.

Important Installation Guidelines

- Install telephone near both a telephone (modular) jack and an electrical power outlet.
- Avoid sources of noise, such as a window by a busy street, and electrical noise, such motors, microwave ovens, and fluorescent lighting.
- Avoid heat sources, such as heating air ducts, heating appliances, radiators, and direct sunlight.
- Avoid areas of excessive moisture or extremely low temperature.
- Avoid dusty locations.
- Avoid other cordless telephones or personal computers.

Handset and Base Layout

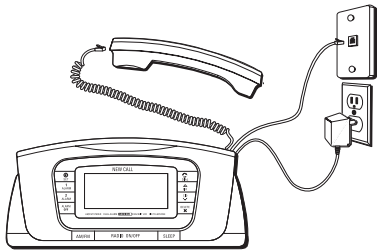


Installing the Phone

Connecting the Telephone Line

Choose the best location to install your telephone. Your telephone should be placed on a level surface, such as a desk or table top.

- Plug one end of the straight telephone line cord into the PHONE LINE jack on the base.
- Plug the other end into a wall jack.
- Plug one end of the coiled handset cord into the jack on the handset.
- Plug the other end into the HANDSET jack on the back of the base.
- Place the handset on the base cradle.
- Set the RINGER and DISPLAY BRIGHTNESS switches on the back of the base to the desired settings.
- Set the VOL switch on the side of the handset to the desired setting.



Connecting the Electrical Power

- Plug one end of the power supply cord into the back of the base.
- Plug the other end into an electrical outlet.



CAUTION: To reduce risk of personal injury, fire, or damage use only the 5-2769 power adaptor listed in the user's guide. This power adaptor is intended to be correctly orientated in a vertical or floor mount position.

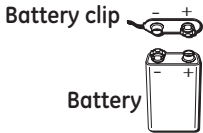
“No Worry” Battery Backup

This telephone is equipped with a memory holding system powered by a customer-installed 9-volt alkaline battery (not included).

When electrical power is interrupted, or the electrical line is unplugged, the battery operates the clock to retain the time of day and alarm settings in memory. When the unit is running on battery power, the digital display does not light up; however, if wake time occurs during the power interruption, the alarm buzzer sounds (regardless of the type of alarm tone selected) if remaining battery power is adequate. Normal operation resumes after electrical power is restored.

Install the backup battery as follows:

- Remove the battery compartment cover located on the bottom of the base.
- Connect a fresh 9-volt alkaline battery (not included). Interlock the large and small contacts on the battery clip and the battery. Once connected, place the battery inside the battery compartment.
- Replace the battery compartment cover.



NOTE: Alkaline (NEDA 1604A) batteries are recommended. Carbon-zinc (NEDA 1604) batteries may be used but memory holding time will be substantially reduced. Memory holding time for a fresh alkaline battery is approximately 3 months (if Wake System is not activated), which should take care of short, nuisance-type AC power failures. To preserve battery life, the phone should remain plugged into an AC electrical outlet. As the battery gets older, its voltage drops and memory may be lost. Be sure to replace the battery periodically. A backup battery is not included with this telephone.

NOTE: If battery is not installed:

- All memory will be lost if the unit is unplugged for more than 60 seconds.
- The clock will stop running during a power outage period but will start running when power resumes. The clock will blink to indicate that the time may not be correct.

IMPORTANT: If storing this unit for more than 30 days, remove the battery.

Set Up

Language

This adjustment lets you choose the language of the messages that show in the display- English, French, or Spanish.

- Press and release the SET button until *ENG FRA ESP* shows in the display.
- Use the CID ▲ or ▼ button to select *ENG*, *FRA* or *ESP*.
- Press SET to save. *SET REAL TIME* shows in the display.

NOTE: Press DIAL to skip to the next set up step or press DELETE to exit the main menu.

Real Time

NOTE: The telephone company sends the current time and date with the Caller ID (CID) information. If you don't manually set the clock time, the unit automatically sets the time and date when the first call is received.

- Use the CID ▲ or ▼ button to set the time of day.
- Press and hold CID ▲ or ▼ button for 3 seconds to quickly increase or decrease the setting in 15 minutes increments.
- Press SET to save. *CONTRAST* shows in the display, and the current contrast level blinks in the display.

NOTE: Press DIAL to skip to the next set up step or press DELETE to exit the main menu.

Display Contrast

This setting allows you to adjust the display contrast for easier viewing.

- Use the CID ▲ or ▼ button to select level 1, 2, 3, 4, or 5.
- Press SET to save. --- *LOCAL AREA CODE* shows in the display.

NOTE: Press DIAL to skip to the next set up step or press DELETE to exit the main menu.

Area Code

- Use the CID ▲ or ▼ button to enter the first digit.
- Press SET. Use the CID ▲ or ▼ button to enter the second digit.

NOTE: If you make a mistake, press the DELETE button to erase all of the digit(s) and start over. Or press the DIAL button to exit the main menu.

- Press SET. Use the CID ▲ or ▼ button to enter the third digit.
- Press SET and the unit returns to the main menu.

Display Backlight

Use the DISPLAY BRIGHTNESS switch on the back of the base to adjust the display brightness. Settings are Hi, Med or Lo.

NOTE: The unit must be connected to an electrical outlet to adjust display brightness.

Telephone Operation

Ringer Volume

The RINGER switch is located on the back of the base. Set it to HI, LO, or OFF.

NOTE: The RINGER switch must be set to HI or LO or the phone will not ring for incoming calls.

Handset Receiver Volume

Use the VOL switch on the side of the handset to adjust the handset receiver volume.

Flash

Press the FLASH button to activate customer calling services, such as call transfer, which are services provided by your local phone company.

Redial

Press the REDIAL button to dial the last number dialed when you hear the dial tone in the handset.

NOTE: The redial feature holds in memory the last phone number you dialed (as many as 32 digits). If you pressed any numbers after dialing the phone number, (for example, when accessing a voice-menu system) those numbers are also redialed.

Alarm Operation

The 29297 is equipped with two alarms. The alarms can be set independently to either radio or buzzer.

Setting the Alarm Time

- Press ALARM 1 or ALARM 2.
- Press the SET button.
- Use the CID  or  button to set the wake time. Press and hold for 3 seconds to quickly increase or decrease the time setting in 15 minute increments.
- Press SET to confirm.

Set alarm tone

- Press the ALARM 1 or ALARM 2 button to review the setting.
- Press and release the desired ALARM button to choose radio, buzzer, or off.
- A music note icon on the display indicates that the alarm is set to radio, a bell icon indicates that the alarm is set to buzzer.

Turning Off the Alarms

To turn off an alarm, press the ALARM OFF, ALARM 1, or ALARM 2 buttons. The alarm setting is retained and comes on the next day.

Snooze Timer

After the wake mode is activated, you can silence it for another nine minutes by pressing the snooze button.

You may use the snooze feature repeatedly.

Setting the Snooze Timer

- Press and release the SET button.
- Press and release the snooze button. *SNOOZE TIMER* shows in the display.
- Press and release the CID  or  button to set the snooze time in 1 minute increments or press and hold to scroll quickly. (The default is 9 minutes.)
- Press SET to confirm.

Using the Sleep Timer

Use the sleep timer to play the radio for a desired amount of time (increments of 15 minutes up to two hours), and then have it shut off automatically. The default sleep time is 59 minutes.

- Press the SLEEP button repeatedly to select the desired sleep timer setting. Each press of the button will decrease the setting by 15 minutes.
- The radio turns on automatically and the timer starts after you've selected the desired setting.

NOTE: To review the current sleep timer setting, press and release SLEEP.
- To cancel the sleep timer and turn the radio off, press snooze or RADIO ON/OFF.

Radio Operation

- Press and release the RADIO ON/OFF button to turn the radio on.
- Press the AM/FM button to the select the desired broadcast band.
- Rotate the tuning knob to select a radio station / frequency.
- Rotate the volume control wheel to adjust the listening level.
- To turn the radio off, press and release RADIO ON/OFF.

NOTE: You can also turn on the radio after lifting up the handset by pressing the RADIO ON/OFF button.

NOTE: The Radio broadcast will automatically turn off when you picked up the handset. Broadcast will resume when you replace the handset on cradle.

Built-in AFC

The built-in Automatic Frequency Control (AFC) works only on FM mode. It helps keep the radio locked onto the FM stations/frequencies.

FM stereo is a built in function.

AM Antenna

A built-in antenna eliminates the need for an outside antenna for AM reception. Moving the unit slightly may improve reception of distant AM signals.

FM Antenna

The power cord acts as your FM antenna. The power cord picks up moderate to strong signals and eliminates the need for an external antenna in most strong signal areas. Be sure the power cord is stretched to its longest length. Do not coil or bunch the cord together. Changing position of the power cord may improve reception.

Caller ID (CID)

Caller ID (CID) is a service available from your local telephone company. For Caller ID to work on this system, you must subscribe to Caller ID service.

This unit receives and displays information transmitted by your local phone company and can store up to 70 calls for later review.

VERY IMPORTANT: The Caller ID feature of this product requires a subscription to Caller ID service from your telephone company.

Summary Screen

The summary screen (display) shows the current time, current date and number of new calls to be reviewed. It is displayed until any button is pressed. Within 60 seconds of receiving a new call, the summary screen is displayed and the NEW CALL indicator comes on.

NOTE: Check with your local phone company regarding name service availability.

Receiving and Storing CID Records

When you receive a call, the information is transmitted by the phone company to your Caller ID telephone between the first and second ring. When memory is full, a new call automatically replaces the oldest call in memory. *NEW* appears in the display for calls received that have not been reviewed.

Reviewing CID Records

As calls are received and stored, the display is updated to let you know how many calls have been received.

- Press the CID  or  button to scroll through the call records.
- After all of the records are viewed, *START/END* appears in the display.

Deleting CID Records

- To delete the record showing in the display, press the DELETE button once.
- To delete all records (while reviewing), press and hold the DELETE button. *DELETE ALL?* appears in the display. Press DELETE again to confirm.

Dialing Back

When reviewing CID records, you may dialback the number showing in the display by pressing the DIAL button.

If you programmed your local area code in the set up menu

- Use the CID  or  button to display the number you want to dial.

- If you see a number with 7 digits (i.e. 555-1234), then the call was received from within your area code. However, this does not guarantee the call is a local call.
 - If you see a number with 11 digits (i.e. 1-234-555-1234), then the call received was not from your area code.
- Press the DIAL button and the display shows *PICKUP/ADJ*. You have 10 seconds to adjust the number and pick up the handset to dial, otherwise the unit returns to the currently reviewed call.
 - To adjust the phone number, press the DIAL button. Press the DIAL button repeatedly to scroll through the 7, 10, and 11-digit numbers.

7-digits: 7-digit telephone number (i.e. 555-5555)
10-digits: 3-digit area code + 7-digit telephone number (i.e. 425-555-5555)
11-digits: long distance code 1 + 3-digit area code + 7-digit telephone number (i.e. 1-425-555-5555)

- To dial the displayed number, pick up the handset within 10 seconds. *NOW DIALING* shows in the display and the number is dialed.

If you did not program your local area code in the set up menu

- Use the CID  or  button to display the number you want to dial.
- See steps 2 through 4 in the above section to complete the dialback sequence.

NOTE: If the CID record has a 7-digit or 10-digit number, adjusting only adds “1” digit to the dialed number. Press the DIAL button repeatedly to scroll through the 11,10,7 digit sequence, otherwise no adjustment may be made and the number is dialed as received.

Message Indicators

The following messages show the status of the phone, provide Caller ID information, or help you set up and use your phone.

<i>NO CALLS</i>	Indicates there is no record in memory.
<i>UNKNOWN CALLER</i>	The incoming call is from an area not serviced by CID or CID information is not sent.
<i>BLOCKED CALL</i>	Caller information is blocked from transmission.
<i>ERROR</i>	Caller information has been interrupted during transmission.
<i>NO DATA</i>	Caller information is interrupted during transmission or the phone is excessively noisy.
<i>START/END</i>	Indicates you are at the beginning or the end of the call record log.
	Battery power is low.

Memory

The following buttons can be used as memory locations for storing data: 0-9 keys and memory buttons A, B, or C.

Storing a Number in Memory

- Pick up the handset.
- Press STORE.
- Enter the telephone number, up to 16 digits (the phone number will not be dialed in this mode).
- Press STORE.
- Press the desired memory location button (0-9 or A, B, or C.)
- Hang up the handset.

NOTE: If you make a mistake, hang up the handset and repeat the procedure for storing a number from the beginning.

Changing a Stored Number

Repeat the storage sequence in the Storing a Number in Memory section. The new number replaces the old number in the memory location.

NOTE: When the unit is first powered up, unwanted digits may be randomly created in memory locations. See Erasing a Stored Number to delete unwanted digits.

Erasing a Stored Number

- Pick up the handset.
- Press STORE.
- Press REDIAL.
- Press STORE again.
- Press the location (A, B, C, 0-9) to be erased.

Dialing a Number Stored in One-Touch Memory Location (A, B, or C)

- Pick up the handset.
- Press the memory location button A, B, or C. The number in that memory location dials automatically.

Dialing Stored Numbers

- Pick up the handset.
- Press MEMORY.
- Press memory location 0-9. The number dials automatically.

Inserting a Pause in the Dialing Sequence

The REDIAL button becomes a pause function when the STORE button is pressed first. It is valid only when storing numbers into memory locations.

Use the REDIAL button to insert a pause when a delay is needed in an automatic dialing sequence. For example, when you must dial a 9 to get an outside line or when you enter codes to access your long distance company.

Chain Dialing from Memory

Use this feature to make calls which require a sequence of numbers, for instance if you use a calling card for a frequently called long distance number. Each part of the sequence is dialed from memory. The following example shows how you can use chain dialing to make a call through a long distance service:

<i>The Number For</i>	<i>Memory Location</i>
Long distance access number	7
Authorization code	8
Frequently called long distance number	9

- Pick up the handset.
- Press the MEMORY button and then press 7.
- When you hear the access tone, press MEMORY and then press 8.
- At the next access tone, press MEMORY and then 9.

Troubleshooting Tips

Telephone Solutions

No Dial Tone

- Check all cabling to make sure that all connections are secure and not damaged.
- Check the hook switch: It should fully extend from the base when the handset is lifted from the cradle?

Phone Does Not Ring

- Make sure the ringer is turned on.
- There may be too may extension phones connected to your line. Try disconnecting an extension phone.
- See solution for “NO DIAL TONE.”

Incoming and Outgoing Voice Volume Low

- Are other phones off hook at same time? If so, this is normal condition as volume drops when additional phones are used at once.

Caller ID Solutions

No Information is Shown After the Phone Rings

- To receive CID data, you must subscribe to Caller ID service from your telephone company.
- Wait until the second ring before answering. CID data is received after the 1st ring.

Error Message is Displayed

- ERROR* appears in the display if the unit detects anything other than valid Caller ID information during the silent period after the first ring. This message indicates either the presence of noise on the line, or that an invalid message has been sent from the telephone company.
- Wait until the second ring before answering.

General Product Care

To keep your unit working and looking good, follow these guidelines:

- Avoid putting it near heating appliances and devices that generate electrical noise (for example, motors or fluorescent lamps).
- DO NOT expose to direct sunlight or moisture.
- Avoid dropping answerer and/or other rough treatment.
- Clean with a soft cloth.
- Never use a strong cleaning agent or abrasive powder because this will damage the finish.
- Retain the original packaging in case you need to ship it at a later date.

Telephone Network Information

Should your equipment cause trouble on your line which may harm the telephone network, the telephone company, where practicable, may notify you that temporary discontinuance of service may be required. Where prior notice is not practicable and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately.

The telephone company may make changes in its communications facilities, equipment, operations or procedures where such action is required in the operation of its business. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company will likely give you adequate notice to allow you to maintain uninterrupted service.

Notice must be given to the telephone company upon termination of your telephone from your line.

Service

Thomson Digital Technologies Ltd. warrants to the purchaser or gift recipient that if any manufacturing defect becomes apparent in this product within 1 year from the original date of purchase, it will be replaced free of charge, including return transportation.

This warranty does not include damage to the product resulting from accidents, misuse or leaking batteries.

Should your product not perform properly during the warranty period, either:

- Return it to the selling dealer with proof of purchase for replacement,

OR
- Remove the batteries (where applicable), and pack product complete with accessories in the original carton (or equivalent).

— Mail prepaid (with proof of purchase) and insured to:

**Thomson Digital Technologies Ltd.
6200 Edwards Boulevard
Mississauga, Ontario
Canada L5T 2V7**
The provisions of this written warranty are in addition to and not a modification of or subtraction from the statutory warranties and other rights and remedies contained in any applicable legislation, and to the extent that any such provisions purport to disclaim, exclude or limit any such statutory warranties and other rights and remedies, such provisions shall be deemed to be amended to the extent necessary to comply therewith.

If you are unable to find a qualified servicer for out of warranty service, you may write to:

Thomson Digital Technologies Ltd.
c/o Thomson Inc.
P.O. Box 0944
Indianapolis, Indiana, U.S.A., 46206-0944

Attach your sales receipt to this booklet for future reference. This information is required if service is needed during the warranty period.

PURCHASE DATE _____

NAME OF STORE _____